

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("6517184" or "6476928").pn. and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 09:42
L3	2	("6517184" or "6476928").pn. and memory same print\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 09:42
L4	45	"347"/\$3 and (memory with (malfunction\$3 or miss\$3 or clog\$4 or inoperative) with (ejector or nozzle or orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 09:49
L5	36	"347"/\$3 and (memory with (malfunction\$3 or miss\$3 or clog\$4 or inoperative) near (ejector or nozzle or orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 09:49
L6	246	"347"/\$3 and ((memory or stor\$3 or ram or rom or eprom or eeprom) with (malfunction\$3 or miss\$3 or clog\$4 or inoperative) near (ejector or nozzle or orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 10:04
L7	149	"347"/\$3 and ((memory or stor\$3 or ram or rom or eprom or eeprom) with (malfunction\$3 or miss\$3 or clog\$4 or inoperative) near (ejector or nozzle or orifice)) and ((memory or stor\$3 or ram or rom or eprom or eeprom) with (head or print \$1head or cartridge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 10:05

L8	36	"347"/\$3 and ((memory or ram or rom or eprom or eeprom) with (malfunction\$3 or miss \$3 or clog\$4 or inoperative) near (ejector or nozzle or orifice)) and ((memory or ram or rom or eprom or eeprom) with (head or print\$1head or cartridge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 10:08
L9	3399	347/84 or 347/85 or 347/86 and (memory or tag or chip) with (nozzle or ejector or orifice) near (clog\$4 or malfunction\$3 or miss\$3 or inoperat\$4 or operat \$3 or information or status)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:10
L10	12	(347/84 or 347/85 or 347/86) and (memory or tag or chip) with (nozzle or ejector or orifice) near (clog\$4 or malfunction\$3 or miss\$3 or inoperat\$4 or operat \$3 or information or status)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:11
L11	664	(347/84 or 347/85 or 347/86) and (memory) with (print\$1head or head or cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:27
L12	0	"5506611".pn. and (memory or eprom or eeprom or rom) same (port\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:52
L13	1	"5506611".pn. and (memory or eprom or eeprom or rom) same (discharg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:52
L14	164	(347/84 or 347/85 or 347/86) and (memory) with (print\$1head or head or cartridge) and (memory same (nozzle \$1 or ejector\$1 or ejecting or orifice\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 10:55

L15	85	(347/84 or 347/85 or 347/86) and (memory with (print\$1head or head or cartridge) and (memory with (nozzle\$1 or ejector\$1 or ejecting or orifice\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:09
L16	29	(347/84 or 347/85 or 347/86) and (memory with (print\$1head or head or cartridge) and (memory with (nozzle\$1 or ejector\$1 or ejecting or orifice\$1) with (function\$3 or non \$1function\$3 or mal \$1function\$3 or in \$1operati\$3 or operat\$3 or clog\$4 or plug\$3 or missing or harden\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:17
L17	31	(347/84 or 347/85 or 347/86) and (memory or write) with (print\$1head or head or cartridge) and (memory with (nozzle\$1 or ejector\$1 or ejecting or orifice\$1) with (function\$3 or non \$1function\$3 or mal \$1function\$3 or in \$1operati\$3 or operat\$3 or clog\$4 or plug\$3 or missing or harden\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:17
L18	31	(347/84 or 347/85 or 347/86) and (memory or writ\$3) with (print \$1head or head or cartridge) and (memory with (nozzle\$1 or ejector \$1 or ejecting or orifice \$1) with (function\$3 or non\$1function\$3 or mal \$1function\$3 or in \$1operati\$3 or operat\$3 or clog\$4 or plug\$3 or missing or harden\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:17

L19	15	(347/84 or 347/85 or 347/86) and (memory with writ\$3) with (print \$1head or head or cartridge) and (memory with (nozzle\$1 or ejector \$1 or ejecting or orifice \$1 or port\$1) with (function\$3 or non \$1function\$3 or mal \$1function\$3 or in \$1operati\$3 or operat\$3 or clog\$4 or plug\$3 or missing or harden\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:26
L20	33	(347/84 or 347/85 or 347/86 or 347/19) and (memory with writ\$3) with (print\$1head or head or cartridge) and (memory with (nozzle\$1 or ejector\$1 or ejecting or orifice\$1 or port\$1) with (function\$3 or non \$1function\$3 or mal \$1function\$3 or in \$1operati\$3 or operat\$3 or clog\$4 or plug\$3 or missing or harden\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:27
L21	0	10/706870	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:32
L22	9	"1060895".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:33
L23	2	"6361138".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/19 11:34

S2	34	("6003980" "6089693" "6352331" "6378976" "6447091" "6517184" "6517183" "6585346" "6652064" "6565179" "20020085057" "20030001915" "20030020777" "20020027575" "20030117455" "20030122886" "20030137549" "20030151167" "20030160838").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 08:01
S3	7	"347"/\$3 and memory same nozzle\$1 with (missing or malfunction \$3 or inactive) same (status or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:37
S4	1	"347"/\$3 and memory same nozzle\$1 with (missing or malfunction \$3 or inactive) with location same (status or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 09:15
S5	305	"347"/\$3 and memory with firmware	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 09:48
S6	55	"347"/\$3 and memory with firmware with read \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:08
S7	28	"347"/\$3 and memory with firmware with read \$3 and format\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:00
S8	5	"347"/\$3 and memory with firmware with read \$3 same format\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 09:53
S9	24	"347"/\$3 and memory with firmware with read \$3 and (format or formatting or formatting or formats or formatted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:01

S10	7	("6003980" "6089693" "6352331" "6378976" "6447091" "6517184" "6517183" "6585346" "6652064" "6565179" "20020085057" "20030001915" "20030020777" "20020027575" "20030117455" "20030122886" "20030137549" "20030151167" "20030160838").pn. and firmware	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:04
S11	3	"347"/\$3 and memory with firmware with read \$3 with printer with print \$head\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:17
S12	37052	"347"/\$3 and printer with firmware with read \$3 memory with (print \$head\$1 or head\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:17
S13	37052	"347"/\$3 and printer with firm\$ware with read \$3 memory with (print \$head\$1 or head\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:17
S14	5	"347"/\$3 and printer with firm\$ware with read \$3 with memory with (print\$head\$1 or head \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:19
S15	19	"347"/\$3 and printer with firm\$ware with memory with (print\$head \$1 or head\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:19
S16	5	S3 and algorithm\$1 and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:26
S17	24	"347"/\$3 and nozzle\$1 with data with (format or formatting or formats or formating or formatted or formatted) with print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:35

S18	659	"347"/\$3 and data with (format or formatting or formats or formatting or formatted or formatted) with print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:36
S19	12	"347"/\$3 and data near3 (format or formatting or formats or formatting or formatted or formatted) near3 print near2 job	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:36
S20	13	"347"/\$3 and data near3 (format or formatting or formats or formatting or formatted or formatted) near3 print near2 job\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:37
S21	2	(nozzle\$1 near4 data) with (format or formats or formatting or formatting) near (image or print near1 job)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:53
S22	7	(nozzle\$1 near5 (data or information)) with (format or formats or formatting or formatting or change or changes or changing or altering or alter or alters) near (image or print near1 job)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:56
S23	1	"347"/\$3 and memory same firmware same formatter same shingling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:01
S24	1	"347"/\$3 and memory same firmware same format\$4 same shingling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:01
S25	1	"347"/\$3 and memory same firm\$ware same format\$4 same shingl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:02
S26	1	"347"/\$3 and memory same format\$4 same shingl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:04

S27	4	"347"/\$3 and memory same (format\$4 or alter \$3 or chang\$3) same shingl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:05
S28	16	"347"/\$3 and (format or formats or formatting or formatted or formatting or formatted) same shingl \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:06
S29	0	("6003980" "6089693" "6352331" "6378976" "6447091" "6517184" "6517183" "6585346" "6652064" "6565179" "20020085057" "20030001915" "20030020777" "20020027575" "20030117455" "20030122886" "20030137549" "20030151167" "20030160838").pn. and automated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:41
S30	1	"347"/\$3 and automated with detection same location with (missing or malfunctioning or malfunction\$2 or inoperable or inactive) with nozzle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:54
S31	1	"347"/\$3 and automated same location with (missing or malfunctioning or malfunction\$2 or inoperable or inactive) with nozzle\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:42
S32	49	"347"/\$3 and automated with detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:56
S33	1	"347"/\$3 and automated with detection with (stor \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:56
S34	1	"347"/\$3 and automated with detection with (stor \$3 or memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:56



S35	2	"347"/\$3 and automated with detection and nozzle \$1 with detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/01 11:56
S36	3	"347"/\$3 and automated with detect\$3 and nozzle \$1 with detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 12:57
S37	2935	347/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:30
S38	4	("6517184" "6719391"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:37
S39	2	"20050225588"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:37
S40	14	("6003980" "6089693" "6352331" "6378976" "6447091" "6517184" "6517183" "6585346" "6652064" "6565179" "20020085057" "20030001915" "20030020777" "20020027575" "20030117455" "20030122886" "20030137549" "20030151167" "20030160838").pn. and memory same (cartridge or housing or chamber or nozzle or orifice or ejector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:18
S41	33	"347"/\$3 and (memory or RAM or ROM or RFID) same (nozzle\$1 or ejector or orifice) with (missing or malfunction \$3 or inactive or inactivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:39

S42	27	"347"/\$3 and (memory or RAM or ROM or RFID) same (nozzle\$1 or ejector or orifice) with (missing or malfunction \$3 or inactive or inactivity) not bruch.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:41
S43	27	("347"/\$3 and (memory or RAM or ROM or RFID) same (nozzle\$1 or ejector or orifice) with (missing or malfunction \$3 or inactive or inactivity)) not bruch.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:43
S44	4	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) same (nozzle \$1 or ejector or orifice) with (missing or malfunction\$3 or inactive or inactivity)) not bruch.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:43
S45	1094	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) same (nozzle \$1 or ejector or orifice)) not bruch.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:44
S46	508	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) same (nozzle \$1 or ejector or orifice)) and ((nozzle\$1 or ejector or orifice) same (location or malfunction \$3 or status))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:48
S47	371	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) with (nozzle \$1 or ejector or orifice)) and ((nozzle\$1 or ejector or orifice) same (location or malfunction \$3 or status))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:03

S48	2	"5610635".pn. and memory same (orifice or ejector or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:59
S49	81	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) with (nozzle \$1 or ejector or orifice) same (location or malfunction\$3 or status))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:14
S50	70	("347"/\$3 and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) with (nozzle \$1 or ejector or orifice) same (location or malfunction\$3 or status)) and (memory or ram or rom or rfid) with (status or location or mal \$function\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:22
S51	39	((347/85 or 347/86 or 347/19) and (memory or RAM or ROM or RFID) with (cartridge or carrier or housing or head or print\$head) with (nozzle \$1 or ejector or orifice) same (location or malfunction\$3 or status)) and (memory or ram or rom or rfid) with (status or location or mal \$function\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 15:25
S52	17	"5615312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:45
S53	2	"5615312".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/10/23 12:08

S54	2383	"347"/\$3 and (print \$head or head or cartridge or array) same (memory or RAM or ROM or eeprom or eprom) same (nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:09
S55	1018	"347"/\$3 and (print \$head or head or cartridge or array) with (memory or RAM or ROM or eeprom or eprom) with (nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:14
S56	978	"347"/\$3 and (print \$head or head or cartridge) with (memory or RAM or ROM or eeprom or eprom) with (nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:31
S57	687	"347"/\$3 and (print \$head or head or cartridge) with (memory or RAM or ROM or eeprom or eprom) with (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:38
S58	250	"347"/\$3 and (print \$head or head or cartridge) with (memory or RAM or ROM or eeprom or eprom) near6 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:38
S59	433	"347"/\$3 and (print \$head or head or cartridge) with (memory or RAM or ROM or eeprom or eprom) near10 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:38
S60	350	"347"/\$3 and (print \$head or head or cartridge) near10 (memory or RAM or ROM or eeprom or eprom) near10 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:52

S61	1	"347"/\$3 and (print \$head or head or cartridge) near3 (on or located) near4 (memory or RAM or ROM or eeprom or eprom) near10 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:46
S62	1	"347"/\$3 and (print \$head or head or cartridge) near3 (on or locat\$3) near4 (memory or RAM or ROM or eeprom or eprom) near10 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:46
S63	1	"347"/\$3 and (print \$head or head or cartridge) near3 ("on" or locat\$3) near4 (memory or RAM or ROM or eeprom or eprom) near10 (nozzle or ejector or orifice) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:48
S64	2	"20010007458"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 13:08
S65	71	"6227643"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 12:56
S66	9	"6227643" and (memory or ram or rom or eeprom or eprom) with (nozzle or orifice or ejector) with (cartridge or print\$1head or printhead or head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 13:01
S67	2	"20010007458" and memory same ("78" or nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 13:15
S68	1	"20010007458" and (("78" or memory) same nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/23 13:21

S69	1	"20010007458" and ("78" or memory) same (nozzle or ejector or orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/26 14:33
S70	2	"20010007458".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 12:29
S71	5207	(347/84,85,86).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 12:38
S72	1	S71 and (memory or ram or rom or eeprom or eprom or prom or rfid) near (nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 12:41
S73	4	S71 and (memory or ram or rom or eeprom or eprom or prom or rfid) near3 (nozzle or ejector or orifice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 12:51
S74	14	S71 and (memory or ram or rom or eeprom or eprom or prom or rfid) near3 (nozzle or ejector or orifice or drop \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 14:29
S75	467	"347"/\$3 and (memory or ram or rom or eeprom or eprom or prom or rfid) near3 (nozzle or ejector or orifice or drop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 14:53
S76	28	"347"/\$3 and (cartridge or casing or housing) near4 (memory or ram or rom or eeprom or eprom or prom or rfid) near3 (nozzle or ejector or orifice or drop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/03 15:02
S77	1	"6435676".pn. and ("48" same "49")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:18

S78	1	"6435676".pn. and (memory same (nozzle or orifice or eject\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:20
S79	1	"6435676".pn. and (memory same (nozzle or orifice or eject\$3 or oriface or orafice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:21
S80	2	"6435676".pn. and ((memory or circuit\$3) same (nozzle or orifice or eject\$3 ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:26
S81	8	"6517184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:28
S82	2	"20010007458"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:31
S83	2	"6719391".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/10 09:31
S84	2	"6435676".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:01
S85	2	"6517184".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 08:30
S86	1	10/822359	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 08:30
S87	2	"6719391".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 09:01

S88	86	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 08:49
S89	86	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or ineffect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 09:48
S90	9	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (missing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:34
S91	2076	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice)) not (S89 or S90)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:35



S92	250	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice port) near (data or clog\$4 or operation\$3 or non \$1operat\$3 or function \$3 or non\$1function\$3 or improper\$3 or stop\$3 or dried or dry or harden \$3)) not (S89 or S90)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:43
S93	249	("347"/\$3 and (memory or RAM or ROM or RFID or eeprom or eprom or prom) with (cartridge or head or print\$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice port) near (data or clog\$4 or operation\$3 or non\$1operat\$3 or function\$3 or non \$1function\$3 or improper \$3 or stop\$3 or dried or dry or harden\$3)) not (S89 or S90)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 11:48
S94	182	("347"/\$3 and (memory or RAM or ROM or RFID or stor\$3 or tag or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:16
S95	1	"6517184".pn. and (nozzle\$1 same memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/02/21 12:50

S96	7	("347"/\$3 and (memory or RAM or ROM or RFID or stor\$3 or tag or eeprom or eprom or prom) with (cartridge or housing or head or print \$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3) near (location or coordinat\$3 or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:13
S97	7	("347"/\$3 and (memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3) near (location or coordinat\$3 or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:15
S98	9	("347"/\$3 and (memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3) with (location or coordinat\$3 or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:16
S99	9	("347"/\$3 and (memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3 or harden\$3 or non\$1operat\$3) with (spot or location or coordinat\$3 or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:20

S100	24	("347"/\$3 and (memory or ram or rom or RFID or eeprom or eprom or prom or stor\$3) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3 or harden\$3 or non\$1operat\$3) with (spot or location or coordinat\$3 or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:30
S101	14	("347"/\$3 and (memory or RAM or ROM or RFID or stor\$3 or tag or eeprom or eprom or prom) with (cartridge or housing or head or print\$head)) and ((memory or ram or rom or RFID or eeprom or eprom or prom) with (nozzle or eject\$3 or orifice) with (malfunction\$3 or error or clog\$4 or inoperat\$4 or fail\$3 or stop\$3 or miss\$3)) and hewlett.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 13:42
S102	2	"20030117455"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/22 11:37
S103	2	"6476928".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/22 12:09
S104	0	(S102 or S103) and shingling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/22 12:14
S105	2	"6517184".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/22 12:30
S106	4	("6517184" or "6476928").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 09:13

S107	2527257	("6517184" or "6476928").pn. location	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 09:18
S108	2	("6517184" or "6476928").pn. and location	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 09:19

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